Labsurface develops, manufactures and markets a full line of epoxy, polyurethane and polyaspartic coatings specifically designed for concrete surfaces.

We develop state-of-the-art products and offer unparalleled technical service to our customers. A significant amount of resources have been directed towards our R&D team to develop products that are easy to install while providing outstanding resistance to UV rays (yellowing) as well as superior mechanical properties and resistance to chemical products. Most of our product lines contain virtually no VOCs, making them suitable for green projects such as LEED (Leadership in Energy and Environmental Design) projects.
Residential, Commercial and Industrial
Our Strengths

+ **Specialized Manufacturer**
+ **Experienced R&D Team**
+ **Unparalleled Service**
+ **High Performance Products**
+ **ECO-Friendly Products**
+ **Quality Control**
### Summary

#### LABPOX 30 / 40 UV
Two-component, 100% solids multipurpose epoxy floor coating systems. Based on high performance cycloaliphatic polyamine technology displaying outstanding properties and an impeccable aesthetic finish. LABPOX is ideal for commercial and industrial applications. In addition to the properties found within our LAPBOX 30, LABPOX 40 UV offers an excellent resistance to UV radiation (yellowing) and is recommended for residential and commercial applications where a superior visual finish is required. With their long working times, LABPOX products are also perfect candidates for metallic applications.

#### LABFAST LO
Two-component, high solids and low odor polyaspartic floor coating system. Offering unmatched UV stability (non-yellowing) as well as superior mechanical and chemical properties. Versions with different solid contents available (85 and 90%) as well as different curing times are available providing optimal results. Our technology is suitable for residential, commercial and light industrial applications. The LABFAST LO systems are used in combination with LABTEC vinyl flakes.

#### LABFAST VOC-EXEMPT
Two-component, high solids and VOC-exempt polyaspartic floor coating system. Offering unmatched UV stability (non-yellowing) as well as superior mechanical and chemical properties. Versions with different solid contents available (70, 80 and 90%) as well as different curing times are available providing optimal results. Our technology is suitable for residential, commercial and light industrial applications. The LABFAST VOC-EXEMPT systems are used in combination with LABTEC vinyl flakes.

#### LABSHIELD ECO
The LABSHIELD ECO is a 100% solids two-component polyaspartic floor coating system with near zero VOC and no/minimal odor. This product offers superior mechanical and chemical properties and is low maintenance. It also displays a superior aesthetic finish and excellent UV stability. Our technology is suitable for residential, commercial and light industrial applications. The LABFAST LO systems are used in combination with LABTEC vinyl flakes.
Our Products

Summary

**AQUALAB PUR MATTE**
- 100% solids
- Low Odor
- VOC-Exempt
- Rapid Curing
- Interior
- Exterior
- Full UV Protection

Two-component low-odor water-based aliphatic polyurethane floor coating system which has near-zero VOC. Offering unmatched UV stability (non-yellowing) as well as superior mechanical and chemical properties. Matte finish reducing the appearance of scratches. Used as a protective layer on LABPOX 30 and 40 UV products. Can be used for residential, commercial or industrial applications.

**LABPOX MVB FAST**
- 100% solids
- Low Odor
- VOC-Exempt
- Rapid Curing
- Interior
- Exterior

The LABPOX MVB FAST acts as a moisture barrier for concrete floors with high residual humidity (up to 100%) as well as new concrete slabs installed within 28 days. LABPOX MVB FAST is used as a primer prior installing a complete epoxy or polyaspartic system. The product has been formulated with state-of-the-art components and one of the most efficient vapor barrier system in the industry.

**LABCAST QUICK / THICK UV**
- 100% solids
- Low Odor
- Interior
- Full UV Protection

100% solids and odorless epoxy systems for casting applications. These products can be applied 1 inch thick or more (LABCAST QUICK UV) and 1 ¾ inch or more thick (LABCAST THICK UV) in a single mix while maintaining a crystalline appearance. Excellent air release and color retention capabilities. Superior mechanical properties such as impact resistance.

**EPOXY CRACK FILLER**
- 100% solids
- Low Odor
- Rapid Curing
- Interior
- Exterior

Fast curing, 100% solids, two-component epoxy gel repair system. It can be applied on both vertical and horizontal surfaces. Compatible with LABPOX and LABFAST product series.

**INSTANT PU REPAIR**
- Low T° Curing
- Rapid Curing
- Interior
- Optimal Exterior Performance

Two-component aromatic polyurethane repair system providing ultra fast curing. Compatible with LABFAST products only.

**POLYASPARTIC QUICK REPAIR**
- 100% solids
- Low Odor
- Rapid Curing
- Interior
- Optimal Exterior Performance
- Full UV Protection

Fast curing, 100% solids, two-component polyaspartic repair system. Compatible with LABPOX and LABFAST products.
## Technical Properties

<table>
<thead>
<tr>
<th>Product</th>
<th>Heavy Traffic</th>
<th>100% solids</th>
<th>Low Odor</th>
<th>VOC Exempt</th>
<th>Low T° Curing</th>
<th>Rapid Curing</th>
<th>Interior</th>
<th>Exterior</th>
<th>UV Protection</th>
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<tbody>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>+++</td>
</tr>
</tbody>
</table>

* Only if installed under opaque polyaspartic coating.
LABPOX epoxy lines are two-component epoxy floor coating systems which are 100% solids and odorless. Our formulations are based on high performance cycloaliphatic polyamine technologies displaying outstanding properties and a superior aesthetic finish. Our LABPOX products possess superior mechanical and chemical resistance properties ideally suited for the most demanding applications as well as to obtain an impeccable finish. LABPOX 40 UV possesses one of the best UV resistance (yellowing) in the industry. Our water-based aliphatic polyurethane, AQUALAB PUR MATTE, can be used as a protective layer on LABPOX products as well as a matte finish. We recommend using LABTEC vinyl chips to obtain optimal results when installing a flake system.
Epoxy Coatings

+ 100% Solids and Odor-Free
+ **Superior** Mechanical Properties
+ **Superior** UV Resistance
+ **Strong** Chemical Resistance
+ **Unlimited** Colors
+ Residential, Commercial and Industrial
LABPOX products can be used both as a basecoat as well as a topcoat. For heavy traffic applications we recommend using our EPOXY PRIMER. Our primer is an epoxy coating that is high in elongation and contains a low viscosity enabling greater adhesion to your substrate. LABPOX products offer a working time of approximately 60 minutes, low viscosity and are resistant to amine blush. A fast-setting version (FAST CURE) is also available with a tack free time of only 4 hours. By using the appropriate LABPOX system, professional installers can achieve optimal results within a desired timeframe. They are also ideally suited for metallic systems. LAPBOX 40 UV has one of the highest UV resistance in the industry (yellowing) which makes it a first-in-class product for applications requiring a superior aesthetic finish. The LABPOX 30 is available in an unlimited choice of colors and the LABPOX 40 UV is available in clear only.

3-Gallons Kit = A 1 gal + B 1 gal
15-Gallons Kit = A 5 gal + B 5 gal

The AQUALAB PUR is a two-component low-odor water-based aliphatic polyurethane floor coating system which is VOC-exempt. The product offers a uniform matte finish resulting in a seamless and protective top coat. AQUALAB PUR MATTE also offers unparalleled resistance to UV (non-yellowing) and excellent abrasion resistance. The product can be used as a protective layer for the LABPOX 30 and LABPOX 40 UV epoxy products or directly on concrete. Our formulation is based on the latest technological advances in the field of aliphatic water-based polyols.

1-Gallon Kit = A 3,2 L + B 0,6 L

The LABPOX MVB FAST acts as a moisture barrier for concrete floors with high residual humidity (up to 100%) as well as new concrete slabs installed within 28 days. LABPOX MVB FAST is used as a primer prior installing a complete epoxy or polyaspartic system. The product can receive a subsequent layer of coating in as little as 3h30min, thus enabling very rapid commissioning. The product has been formulated with state-of-the-art components and one of the most efficient vapor barrier system in the industry.

2.5-Gallon Kit = A 6,67 L + B 2,78 L
# Epoxy Coatings

## Standard System

<table>
<thead>
<tr>
<th>Product</th>
<th>Mix Ratio</th>
<th>Working Time</th>
<th>Task Free</th>
<th>Color / Finish</th>
<th>Primer Coat</th>
<th>Base Coat</th>
<th>Top Coat</th>
<th>Protective Coat (Optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EPOXY PRIMER</strong></td>
<td>2A:1B</td>
<td>45 min</td>
<td>4 h</td>
<td>Clear / Glossy</td>
<td></td>
<td></td>
<td></td>
<td>4-6 mils</td>
</tr>
<tr>
<td>(Optional)</td>
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<td></td>
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<tr>
<td><strong>LABPOX MVB FAST</strong></td>
<td>2,4A:1B</td>
<td>20 min</td>
<td>3 h</td>
<td>Clear / Grey / Tan Black / White</td>
<td></td>
<td></td>
<td></td>
<td>16 mils</td>
</tr>
<tr>
<td>(Optional)</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>LABPOX 30</strong></td>
<td>2A:1B</td>
<td>65 min</td>
<td>10 h</td>
<td>Unlimited / Glossy</td>
<td></td>
<td></td>
<td></td>
<td>8-10 mils 10-12 mils</td>
</tr>
<tr>
<td><strong>LABPOX 30 FAST CURE</strong></td>
<td>2A:1B</td>
<td>15 min</td>
<td>4 h</td>
<td>Unlimited / Glossy</td>
<td></td>
<td></td>
<td></td>
<td>8-10 mils 10-12 mils</td>
</tr>
<tr>
<td><strong>LABPOX 40 UV</strong></td>
<td>2A:1B</td>
<td>60 min</td>
<td>9 h</td>
<td>Clear / Glossy</td>
<td></td>
<td></td>
<td></td>
<td>8-10 mils 10-12 mils</td>
</tr>
<tr>
<td><strong>AQUALAB PUR MATTE</strong></td>
<td>5A:1B</td>
<td>20 min</td>
<td>1 h</td>
<td>Clear / Matte</td>
<td></td>
<td></td>
<td></td>
<td>2 Coats totalling 2-3 mils (dry)</td>
</tr>
<tr>
<td>(Optional)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
Labsurface offers a range of metallic powders with shades of bronze, copper, gold, silver and other vibrant colors. The random patterns obtained with these pigments will create an artistic effect providing a unique character to each project. Our metallic pigments are easy to disperse and offers unparalleled storage stability. It is possible to modify the colors by adding pearl or black mica. Metallic pigments can be used for interior applications only.
Metallic Pigments

Advantages

+ Artistic Effect
+ Unique Floor Projects
+ Easy Dispersion & No Pigment Agglomerations
+ Possible to Modify Shade
+ Unlimited Shelf Life

Standard System

<table>
<thead>
<tr>
<th>Product</th>
<th>Mix Ratio</th>
<th>Working Time</th>
<th>Tack Free</th>
<th>Base Coat</th>
<th>Top Coat</th>
<th>Protective Coat (Optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LABPOX 30 (Color)</td>
<td>2A:1B</td>
<td>65 min</td>
<td>10 h</td>
<td>8-10 mils</td>
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</tr>
<tr>
<td>LABPOX 30 / 40 UV (mixed with Metallic Pigments)</td>
<td>2A:1B</td>
<td>60 min + 1 powder can per gal of A</td>
<td>9 h</td>
<td>25-50 mils</td>
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<tr>
<td>AQUALAB PUR MATTE (Optional)</td>
<td>5A:1B</td>
<td>20 min</td>
<td>1 h</td>
<td></td>
<td></td>
<td>2 Coats totalling 2-3 mils (dry)</td>
</tr>
</tbody>
</table>

Standard Metallic Colors

- Pearl
- Light Silver
- Dark Silver
- Charcoal
- Bronze
- Copper
- Gold
- Red
- Silver Blue
- Vivid Blue
- Mocha
- Moss Green
Our LABFAST and LABSHIELD polyaspartic products are low odor, VOC-exempt or 100% solids. Our formulations are based on advanced aliphatic coating system technology displaying superior aesthetic finish and unmatched UV stability (non-yellowing). Polyaspartics also offer superior mechanical and chemical properties including unparalleled impact resistance and superior resistance to chemical products. We offer a vast array of polyaspartics with different viscosities and curing times to optimize key parameters such as adhesion to concrete and overall system performance. One-day installation of flooring systems is possible with the LABFAST product line. We recommend using LABTEC vinyl chips to obtain optimal results when installing a flake system.
Polyaspartic Coatings

+ **Low Odor, VOC-Exempt or 100% Solids**
+ **Non-Yellowing**
+ **One-Day Installs**
+ **Exterior Applications**
+ **Unparalleled Mechanical Properties**
+ **High Chemical Resistance**
+ **Residential, Commercial and Industrial**
Our Products

**LABFAST LO**
- Low Odor
- Low T° Curing
- Rapid Curing
- Interior
- Exterior
- Full UV Protection

The LABFAST product series are a two-component, high-solid content, polyaspartic coating systems. There is a low odor version, the LABFAST LO and a VOC-exempt version, LABFAST VOC-EXEMPT. The product is available in four levels of solids content: 70, 80, 85 and 90 as well as long working time versions (+) and fast curing versions (-). The different combinations of curing times and viscosities optimize overall system performance and allow one-day installations. The products are easy to mix with a ratio of 1:1 and there is a common hardener for the base and top coat. It is possible to install a two or three coat floor system with the LABFAST. LABFAST products are available in grey, tan and black. Special colors available on request.

<table>
<thead>
<tr>
<th>Kit</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Gallons Kit</td>
<td>1 gal</td>
<td>1 gal</td>
</tr>
<tr>
<td>10-Gallons Kit</td>
<td>5 gal</td>
<td>5 gal</td>
</tr>
</tbody>
</table>

**LABFAST VOC-EXEMPT**
- VOC-Exempt
- Low T° Curing
- Rapid Curing
- Interior
- Enhanced Exterior Performance
- Full UV Protection

The LABFAST VOC-EXEMPT is a two-component, high-solid content, polyaspartic coating systems. There is a VOC-exempt version, LABFAST VOC-EXEMPT. The product is available in four levels of solids content: 70, 80, 85 and 90 as well as long working time versions (+) and fast curing versions (-). The different combinations of curing times and viscosities optimize overall system performance and allow one-day installations. The products are easy to mix with a ratio of 1:1 and there is a common hardener for the base and top coat. It is possible to install a two or three coat floor system with the LABFAST. LABFAST products are available in grey, tan and black. Special colors available on request.

<table>
<thead>
<tr>
<th>Kit</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Gallons Kit</td>
<td>1 gal</td>
<td>1 gal</td>
</tr>
<tr>
<td>10-Gallons Kit</td>
<td>5 gal</td>
<td>5 gal</td>
</tr>
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</table>

**LABSHIELD ECO**
- 100% solids
- Low Odor
- Low T° Curing
- Rapid Curing
- Interior
- Optimal Exterior Performance
- Full UV Protection

The LABSHIELD ECO is a 100% solids two-component polyaspartic floor coating system with near zero VOC and no/minimal odor. The LABSHIELD ECO is used as a colored base coat and a clear topcoat using a common hardener. A version with a prolonged working time (+) and one providing fast curing (-) are available. The system provides a quick turnaround allowing the installation in a single day. The product displays excellent curing capability even at very low temperature levels. This product offers superior mechanical and chemical properties and is low maintenance. It also displays a superior aesthetic finish and excellent UV stability. Two- or three-coat systems can be considered. LABSHIELD ECO products are available in grey, tan and black. Special colors available on request.

<table>
<thead>
<tr>
<th>Kit</th>
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</tr>
<tr>
<td>15-Gallons Kit</td>
<td>5 gal</td>
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The LABFAST and LABSHIELD products have been designed for interior and exterior installations. Solvent based polyaspartic products have always been suitable for outdoor installations, but 100% solids products offer better performance.
Recommandations¹ (Light Traffic)

<table>
<thead>
<tr>
<th>Product</th>
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<th>Working Time</th>
<th>Tack Free</th>
<th>Base Coat + LABTEC Chips</th>
<th>Top Coat</th>
<th>Base Coat 1 + LABTEC Chips</th>
<th>Top Coat</th>
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<td>2 h</td>
<td>8-13 mils</td>
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<td>LABFAST 90 -</td>
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<tr>
<td>LABSHIELD ECO -</td>
<td>2A:1B</td>
<td>15 min</td>
<td>2 h</td>
<td>8-13 mils</td>
<td>8-13 mils</td>
<td>4-9 mils</td>
<td>8-13 mils</td>
</tr>
<tr>
<td>LABSHIELD ECO +</td>
<td>2A:1B</td>
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<td>8-13 mils</td>
<td>8-13 mils</td>
<td>4-9 mils</td>
<td>8-13 mils</td>
</tr>
</tbody>
</table>

¹ Shown working and tack free times are for the LABFAST LO. ² Only available in the VOC-exempt version.
Elegant and Seamless Finish

The AQUALAB PUR MATTE is a water-based product with a low ecological footprint. Its unique matte finish provides both elegance and an effective protective layer for LABPOX epoxy systems. The matte finish also helps to mask scratches that are more noticeable on gloss finishes. During the laboratory formulation of the products, the best technologies available on the market have been chosen, including a hyper-efficient cross-linking system providing resistance to abrasion and yellowing above industry standards.
Low Odor and VOC-Exempt
Non-Yellowing
Superior Mechanical Properties
Exceptional Abrasion Resistance
High Chemical Resistance
Matte Finish Masking Scratches
Residential, Commercial and Industrial
The AQUALAB PUR MATTE is a two-component low-odor water-based aliphatic polyurethane floor coating system which is VOC-exempt. This particular top coat offers a uniform matte finish with a seamless and protective finish. The AQUALAB PUR MATTE also offers unparalleled resistance to UV (non-yellowing) and excellent abrasion resistance. The product can be used as a protective layer for the LABPOX 30 and 40 UV epoxy products or directly on concrete. Our formulation is based on the latest technological advances in the field of aliphatic water-based polyols.

### Our Product

**AQUALAB PUR MATTE**

- Heavy Traffic
- Low Odor
- VOC-Exempt
- Interior
- Exterior
- Full UV Protection

1-Gallon Kit = A 3.2L + B 0.6L

<table>
<thead>
<tr>
<th>Product</th>
<th>Mix Ratio</th>
<th>Working Time</th>
<th>Tack Free</th>
<th>Color / Finish</th>
<th>Coat 1</th>
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<tr>
<td>AQUALAB PUR MATTE</td>
<td>5A:1B</td>
<td>20 min</td>
<td>1 h</td>
<td>Clear / Matte</td>
<td>3 mils (wet)</td>
<td>3 mils (wet)</td>
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<td></td>
<td></td>
<td></td>
<td>1.25 mils (dry)</td>
<td>1.25 mils (dry)</td>
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</table>
Inspire your Creativity

Our translucid products for casting applications, the LABCAST series, have an impeccable aesthetic finish and provide exceptional resistance to UV rays (yellowing). A wide range of different applications and renderings are now possible with the use of LABCAST products including tables, countertops, furniture and other objects of art or everyday use. It is possible to obtain the desired result with a single mixture since the LABCAST products can be poured at significant thicknesses. LABCAST products are low odor and 100% solids, thus respectful of the environment.
+ Poured at **Thick Levels**

+ **Crystal Clear**

+ **Excellent UV Resistance**

+ **100% Solids and Odor-Free**

+ **User Friendly**

+ **Ultra Long Pot Life**
The LABCAST QUICK UV and the LABCAST THICK UV are two-component, epoxy casting systems, that are odor free and 100% solids. LABCAST products can be poured at thick levels with a single mix (1 inch or more for the LABCAST QUICK UV and 1 ¾ inch or more for the LABCAST THICK UV) while keeping a crystal-clear look. They can be poured at thicker levels depending on the ambient temperature and the volume sought. They both display excellent air release and color retention capabilities (UV / yellowing resistance). They also possess superior mechanical properties, making them resistant to applied pressure and impact.

LABCAST QUICK UV 1-Gallon Kit = A 2.8 L + B 1 L
LABCAST THICK UV 1-Gallon Kit = A 2.5 L + B 1.3 L

LABPOX 40 UV
Two-component, 100% solids epoxy coating systems. Based on high performance cycloaliphatic polyamine technology displaying outstanding properties and an impeccable aesthetic finish. The LABPOX 40 UV is ideal as a top coat for casting applications since it offers an excellent resistance to UV radiation (yellowing). It can be used alone or in combination with LABCAST products. Poured up to 1/8 inch thick.

3-Gallons Kit = A 1 gal + B 1 gal + 1 gal

<table>
<thead>
<tr>
<th>Product</th>
<th>Mix Ratio</th>
<th>Thickness</th>
<th>Working Time</th>
<th>Tack Free</th>
</tr>
</thead>
<tbody>
<tr>
<td>LABCAST QUICK UV</td>
<td>3A:1B</td>
<td>1 in or more</td>
<td>5 h</td>
<td>42 h</td>
</tr>
<tr>
<td>LABCAST THICK UV</td>
<td>2A:1B</td>
<td>1 ¾ in or more</td>
<td>5 h</td>
<td>42 h</td>
</tr>
<tr>
<td>LABPOX 40 UV</td>
<td>2A:1B</td>
<td>1/8 in</td>
<td>1 h</td>
<td>9 h</td>
</tr>
</tbody>
</table>
Repair Products

Our Products

**EPOXY CRACK FILLER**
- 100% solids
- Low Odor
- Rapid Curing
- Interior
- Exterior

The EPOXY CRACK FILLER is a two-component gel epoxy crack repair system, 100% solids and odorless. It has been designed to repair cracks, holes and other surface imperfections. The product is easy to use and can be easily applied on horizontal and vertical surfaces. It also offers a long working time but cures very quickly allowing the installation of the base coat or primer a few minutes after the application of the EPOXY CRACK FILLER. Compatible with the LABPOX and LABFAST products.

3-Gallons Kit = A 1gal + B 1gal + 1gal

**INSTANT PU REPAIR**
- Low T° Curing
- Rapid Curing
- Interior
- Optimal Exterior Performance

The INSTANT PU REPAIR is a two-component aromatic polyurethane crack repair system providing ultra fast curing. This product has been designed to repair small cracks and holes. It can also be used for below-grade repairs and at very low temperature levels. Compatible with LABFAST products only.

2-Gallons Kit = A 1gal + B 1gal

**POLYASPARTIC QUICK REPAIR**
- 100% solids
- Low Odor
- Low T° Curing
- Rapid Curing
- Interior
- Optimal Exterior Performance
- Full UV Protection

The POLYASPARTIC QUICK REPAIR is a two-component polyaspartic crack repair system, 100% solids and odorless. The product is easy to install and has been designed to repair cracks, hole and other floor imperfections. It possesses an excellent elongation which makes it ideal for exterior applications. The POLYASPARTIC QUICK REPAIR can also cure at very low temperatures. Compatible with LABFAST and LABPOX products.

1-Gallon Kit = A 2.5L + B 1.3L

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<table>
<thead>
<tr>
<th>Product</th>
<th>Mix Ratio</th>
<th>Working Time</th>
<th>Tack Free</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPOXY CRACK FILLER</td>
<td>2A:1B</td>
<td>30 min</td>
<td>2 h</td>
</tr>
<tr>
<td>INSTANT PU REPAIR</td>
<td>1A:1B</td>
<td>4 min</td>
<td>15 min</td>
</tr>
<tr>
<td>POLYASPARTIC QUICK REPAIR</td>
<td>2A:1B</td>
<td>30 min</td>
<td>1 h 30</td>
</tr>
</tbody>
</table>
Vinyl Chips

A unique character to each project

Our LABTEC Vinyl Chips are 100% compatible with our LABFAST and LABSHIELD polyaspartics as well as with the LABPOX epoxies. Flake systems are designed for residential, commercial and light industrial applications. Our standard blends are shown below. Customized blends also available upon request. LABTEC Vinyl Chips have a high resistance to UV, resulting in a greater degree of color retention. Suitable for interior and exterior applications.
Vinyl Chips

Our Products

LABTEC CHIPS

Size 1/4"  Size 1/16"

Raven  
Nightfall

Domino  
Gravel

Rainstorm  
Gunflint

Stampede  
Bean

Camel  
Cabin Fever
Protection and Maintenance Guidelines

In order for your Labsurface floor coating to preserve its appearance as well as its mechanical and chemical properties, it is imperative to follow the following guidelines with regards to protection and cleaning.

**TEMPORARY PROTECTIVE MEASURES**

Before full cure (refer to technical data sheet of the product), it is strongly advised to avoid construction / renovation work, and unusual on-site operations.

In the event equipment, furniture or merchandise must be deployed, precautionary measures must be taken to minimize the possibilities of scratching or marking the floor. It is therefore important to avoid dragging heavy objects on the floor. If necessary, it is recommended to protect the floor with plywood boards but only once the floor is fully cured. Do not leave floor protection items on the floor for a prolonged period of time. The manufacturer is not responsible of any damage caused by unusual traffic or on-site operations effected before or after the full cure of the product.

**CLEANING AND MAINTENANCE**

It is recommended to wait for the full cure of the coating prior to clean it. In the meantime, the floor should be swept to remove any loose debris. Labsurface strongly recommends the usage of cleaning products with a neutral ph such as the Power Degreaser bio INO-Bi4-900 from INO Solutions or mild alkaline cleaner such as GRRR from Certified Laboratories.

It is important to remove all cleaning product residues once the surface has been cleaned. Following application of the cleaner, mop dry or use an automatic wet vacuum to remove the excess solution, changing the water frequently if using a mop, and make sure it dries completely.

The floor should be inspected to ensure that it has been cleaned to your satisfaction and that all dirt and stains have been removed. It is important to clean the floor when needed or when there is a sizeable amount of dirt. The appearance of the floor will be preserved if the maintenance and cleaning program is respected.
Protection and Maintenance Guidelines

**MACHINE CLEANING**

When a machine scrubber is used for fresh and lightly soiled floors, it is recommended to use microfiber contact pads or a 3M white floor maintenance pad. For heavily stained areas, the use of a 3M red maintenance pad can be undertaken before employing the microfiber contact pads. For optimum cleaning effect, allow the cleaning solutions to sit on the soiled floor for a few minutes (max. 5) and then use the machine scrubber, with the vacuum turned off, for the first pass. Please note that the use of 3M pads will diminish the gloss of the product. Therefore, it is recommended that floors be temporarily protected from sources of heavy marking, during unusually heavy operations, or in the presence of chemicals which the floor is not designed to resist, rather than expose them to repeated, intensive cleaning.

To obtain a high gloss finish, it is common to apply a thin coat of polymer or wax polish over epoxy. That way, not only the floor will preserve a high gloss finish but will also display a hard-wearing surface operating as a protective coating.

**SPILLS**

Spills of any chemical products should be wiped up, absorbed or removed as soon as possible in order to maintain the good condition of your floor. Once the spill is removed, the area should be cleaned as usual with the recommended floor cleaners. If a protective polish or wax film has been applied previously, the floor should be inspected to check if it remains intact, functional and to your satisfaction. If it is not, a new coat should be reapplied as promptly as possible.

**PREVENTIVE MEASURES**

In order to maximize the technical and aesthetic performance of the floor, users should be told to adapt their behavior in order to be compatible with the proper maintenance of the floor coating. For example, they must avoid dragging or sliding heavy equipment across the floor surface. Similarly, and wherever possible, the dropping of sharp and/or heavy implements, the spinning or pivoting of motorized vehicle wheels should be prevented.

**OTHER IMPORTANT NOTES**

When cleaning floor surfaces, do not employ strong chemicals which have not been approved, do not employ stiff or abrasive impregnated power bristle heads, and be aware that abrasive cleaning tools will dull or scratch surfaces. Do not use excessive pressure and change cleaning equipment accessories often (brush, heads, etc.). Harsh environments will tend to demand more frequent cleaning and the removal of dust, dirt and debris from the surface on a regular basis and will serve to prevent dulling of the finish and will maintain original characteristics. Contact Labsurface for more details.
## Curing Table *

<table>
<thead>
<tr>
<th>Epoxy</th>
<th>Volume</th>
<th>Solids</th>
<th>Working Time</th>
<th>Tack Free</th>
<th>Dry Through</th>
<th>Recoat Time</th>
<th>Foot Traffic</th>
<th>Light Traffic</th>
<th>Full Cure</th>
<th>Shore D / 24h</th>
<th>Shore D / 48h</th>
<th>Shore D / 1 week</th>
</tr>
</thead>
<tbody>
<tr>
<td>LABPOX 30</td>
<td>3,78 L</td>
<td>100%</td>
<td>65 min</td>
<td>10 h</td>
<td>14 h</td>
<td>10:24 h</td>
<td>24 h</td>
<td>48 h</td>
<td>1 week</td>
<td>70</td>
<td>75</td>
<td>80</td>
</tr>
<tr>
<td>FAST CURE</td>
<td>3,78 L</td>
<td>100%</td>
<td>15 min</td>
<td>4 h</td>
<td>7 h</td>
<td>4:24 h</td>
<td>24 h</td>
<td>24 h</td>
<td>1 week</td>
<td>80</td>
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<td>LABPOX 40 UV Clear</td>
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<td>60 min</td>
<td>9 h</td>
<td>13 h</td>
<td>9:24 h</td>
<td>24 h</td>
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<td>1 week</td>
<td>70</td>
<td>75</td>
<td>80</td>
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<tr>
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<td>3,78 L</td>
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<td>45 min</td>
<td>4 h</td>
<td>8 h</td>
<td>4:24 h</td>
<td>-</td>
<td>-</td>
<td>1 week</td>
<td>70</td>
<td>70</td>
<td>80</td>
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<tr>
<td>LABPOX MV8 FAST</td>
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<td>20 min</td>
<td>3:30 h</td>
<td>14 h</td>
<td>3:24 h</td>
<td>-</td>
<td>-</td>
<td>1 week</td>
<td>-</td>
<td>-</td>
<td>80</td>
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<td>Water-Based Polyurethane</td>
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<td>AQUALAB PUR MATTE</td>
<td>3,78 L</td>
<td>42%</td>
<td>20 min</td>
<td>30 min</td>
<td>6:9 h</td>
<td>9:24 h</td>
<td>24 h</td>
<td>48 h</td>
<td>1 week</td>
<td>3 h</td>
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<tr>
<td>LABPOX CAST QUICK UV</td>
<td>3,78 L</td>
<td>100%</td>
<td>5 h</td>
<td>42 h</td>
<td>1 in</td>
<td>42-66 h</td>
<td>1 week</td>
<td>75</td>
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<td>5 h</td>
<td>42 h</td>
<td>1 3/4 in</td>
<td>42-66 h</td>
<td>1 week</td>
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<td>60 min</td>
<td>9 h</td>
<td>&lt;1/8 in</td>
<td>9:24 h</td>
<td>1 week</td>
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<tr>
<td>LABFAST 85 LO -</td>
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<td>15 min</td>
<td>45 min</td>
<td>2 h</td>
<td>45 min - 24 h</td>
<td>24 h</td>
<td>48 h</td>
<td>2 weeks</td>
<td>30</td>
<td>70</td>
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<tr>
<td>LABFAST 85 LO +</td>
<td>3,78 L</td>
<td>85%</td>
<td>25 min</td>
<td>2 h</td>
<td>6 h</td>
<td>2 h - 24 h</td>
<td>24 h</td>
<td>48 h</td>
<td>2 weeks</td>
<td>10</td>
<td>70</td>
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<td>LABFAST 90 LO -</td>
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<td>90%</td>
<td>15 min</td>
<td>45 min</td>
<td>2 h</td>
<td>45 min - 24 h</td>
<td>24 h</td>
<td>48 h</td>
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<td>50</td>
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<td>LABFAST 70 VOC Exempt -</td>
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<td>70%</td>
<td>15 min</td>
<td>35 min</td>
<td>2 h</td>
<td>35 min - 24 h</td>
<td>24 h</td>
<td>48 h</td>
<td>2 weeks</td>
<td>30</td>
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</tr>
<tr>
<td>LABFAST 80 VOC Exempt -</td>
<td>3,78 L</td>
<td>80%</td>
<td>15 min</td>
<td>45 min</td>
<td>2 h</td>
<td>45 min - 24 h</td>
<td>24 h</td>
<td>48 h</td>
<td>2 weeks</td>
<td>60</td>
<td>70</td>
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<tr>
<td>LABFAST 80 VOC Exempt +</td>
<td>3,78 L</td>
<td>80%</td>
<td>25 min</td>
<td>2 h</td>
<td>6 h</td>
<td>2 h - 24 h</td>
<td>24 h</td>
<td>48 h</td>
<td>2 weeks</td>
<td>10</td>
<td>70</td>
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<td>3,78 L</td>
<td>90%</td>
<td>15 min</td>
<td>45 min</td>
<td>2 h</td>
<td>45 min - 24 h</td>
<td>24 h</td>
<td>48 h</td>
<td>2 weeks</td>
<td>35</td>
<td>70</td>
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</tr>
<tr>
<td>LABSHIELD ECO+</td>
<td>3,78 L</td>
<td>100%</td>
<td>25 min</td>
<td>4:30 h</td>
<td>8 h</td>
<td>7 h - 24 h</td>
<td>24 h</td>
<td>48 h</td>
<td>2 weeks</td>
<td>25</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>LABSHIELD ECO -</td>
<td>3,78 L</td>
<td>100%</td>
<td>15 min</td>
<td>2 h</td>
<td>6 h</td>
<td>2 h - 24 h</td>
<td>24 h</td>
<td>48 h</td>
<td>2 weeks</td>
<td>40</td>
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</tr>
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<td>Others</td>
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<tr>
<td>CRACK FILLER EPOXY</td>
<td>3,78 L</td>
<td>100%</td>
<td>30 min</td>
<td>2 h</td>
<td>1:30 h</td>
<td>2 h</td>
<td>See Tech. Datasheet</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>INSTANT PU REPAIR</td>
<td>3,78 L</td>
<td>60%</td>
<td>5 min</td>
<td>15 min</td>
<td>20 min</td>
<td>See Tech. Datasheet</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>POLYASPARTIC QUICK REPAIR</td>
<td>3,78 L</td>
<td>100%</td>
<td>30 min</td>
<td>1 h 30</td>
<td>2 h</td>
<td>See Tech. Datasheet</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

* 22°C and 30% rel. hum